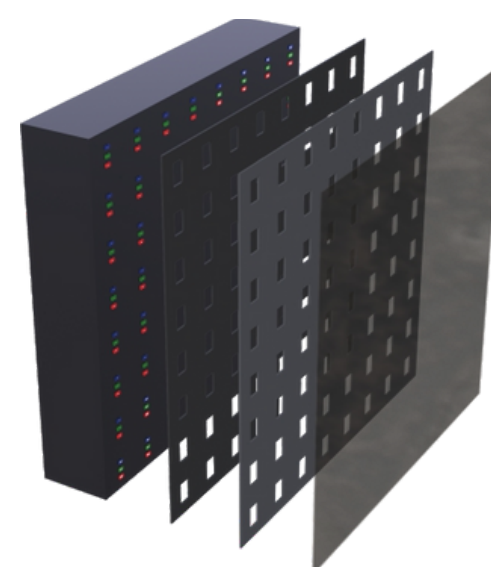# LDC1000XXTSFP-COB-PLUS-L

AURORA SIGNAGE

LUX

Visuals That Stop Audiences in Their Tracks
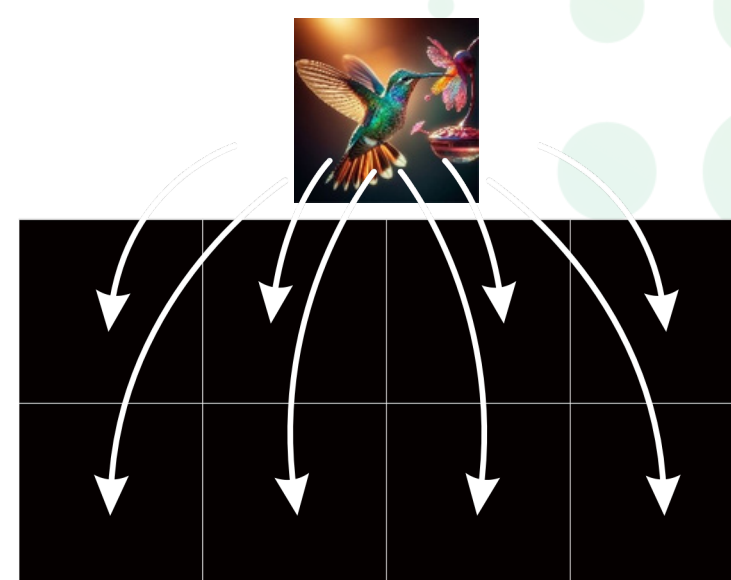
Advanced COB PLUS Platform

COB PLUS Technology utilises a high end, industry standard full flip-chip LED package and components to enhance contrast performance, ensuring a clearer and more reliable viewing experience. The design also improves impact resistance, reducing LED damage and dead pixel occurrence during transport, handling, and installation

PCB
Insulation
Encapsulation
Optical Protection

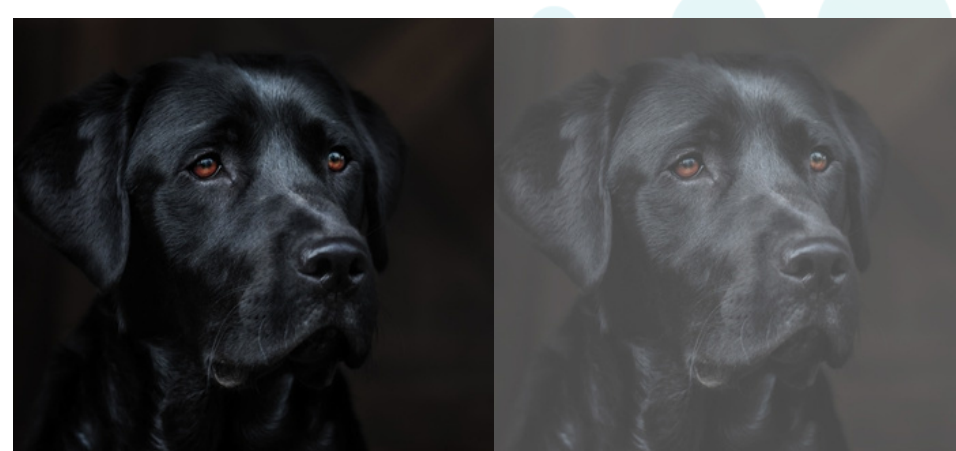## Industry First COB Single Module Calibration

Ensures precise color uniformity and saturation through true COB calibration, while supporting random module installation for simplified setup and maintenance

20,000:1 Cinema Grade Ultra Contrast Ratio

Incorporating a 35% high-transmittance optical film, the system minimizes stray light to enhance clarity and detail. This enables a 20,000:1 contrast ratio, producing deeper blacks, brighter highlights, and greater image depth for a more natural, cinema-grade viewing experience

Ours - 20000:1   Others - 5000:1

LDC1000XXTSFP-COB-PLUS-L

AURORA SIGNAGE

LUX

Industry First: ±0.025mm Ultra Flatness – 400% Higher Precision

The module joint height difference is controlled within ±0.025mm, representing a 400% improvement over the ±0.1mm industry standard. This high level of flatness ensures a seamless display surface for consistent and superior visual performance
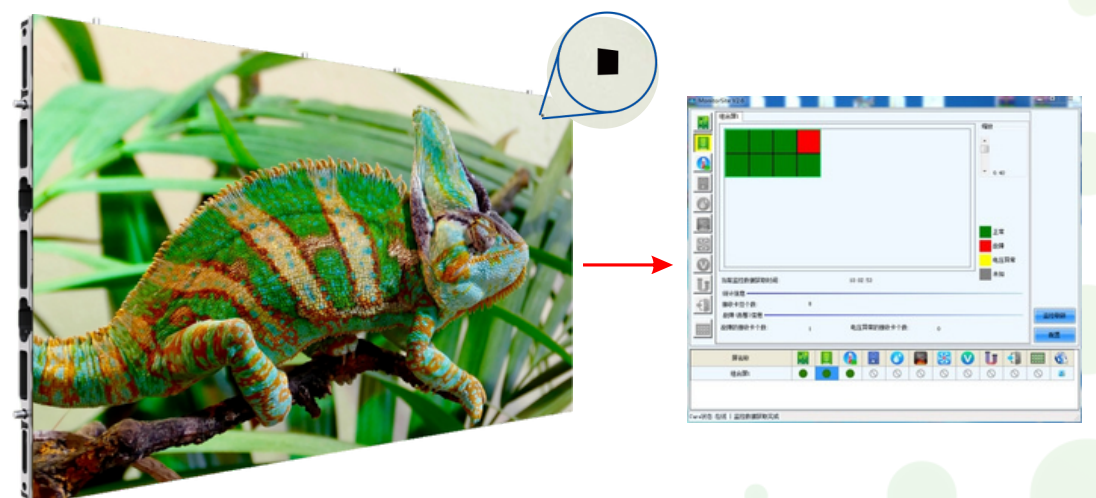
Others   Ours

Pixel Detection with Instant Fault Feedback

Real-time pixel monitoring supports uninterrupted performance by instantly reporting malfunctions to the control system and connected devices. This provides accurate alerts and enables fast corrective action to maintain display stability and efficiency.

Industry-First 90° Rotatable COB Modules

The cabinet and modules support 90° rotational installation, enabling fast vertical screen splicing for greater versatility and efficiency. This design improves vertical installation efficiency by 50% while eliminating color shift issues at side viewing angles

Lightweight, High Strength Design

A slim, lightweight cabinet design allows for easy transport and installation, while rigorous tensile strength testing ensures durability without cracking—delivering an ideal balance of portability and strength

33.3mm

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LDC1000XXTSFP-COB-PLUS-L

LUX

Smart Power Saving Design

Ultra-low standby power consumption dramatically reduces energy usage and operational costs, while extending product lifespan, improving stability, and minimizing maintenance requirements.

Power saving

71%

Flexible Installation Options

Compatible with hanging, wall-mount, and cube setups for versatile applications.

Cube

Wall Mount

Hanging

Versatile Sizes for Diverse Applications
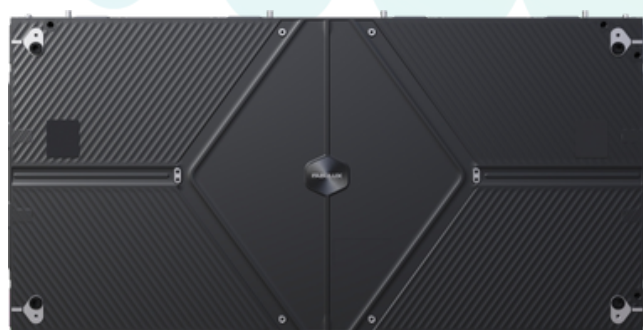
250x250mm   500x250mm   1000x250mm   250x500mm   500x500mm   1000x500mm

LDC1000XXTSFP-COB-PLUS-L

SPECIFICATIONS

Type	LDC100015TSFP-COB-PLUS-L
LED Type	COB PLUS
Pixel Pitch (mm)	1.56
Cabinet Size (W x H x D mm)	1000 x 500 | 1000 x 250 | 500 x 500 | 500 x 250 | 250 x 500 | 250 x 250
Cabinet Resolution (px)	640 x 320 | 640 x 160 | 320 x 320 | 320 x 160 | 160 x 320 | 160 x 160
Cabinet Weight (kg/m²)	17.4
Module Size (mm)	250 x 250
Module Resolution (mm)	160 x 160
Brightness (cd/m²)	700 - 900
Contrast	20000:1
Refresh Rate (Hz)	3840 / 7680
Scan Rate	1 / 60
Gray Scale (bit)	16
Power Consumption Max / Ave (W/m²)	360 / 120
Viewing Angle H / V (deg)	160 / 160
Cabinet Material	Aluminium
Maintenance	Front
AC Input Voltage (V)	AC100 - 240V
Operating Temperature (°C)	-20 ~ 50
Certificates	CE(EMC A, LVD), FCC, ETL, CB
Cabinet Size (W x H x D mm)	1000 x 500 / 1000 x 250 / 500 x 500 / 500 x 250 / 250 x 500 / 250 x 250

*All data provided are from factory lab and are subject to change without prior notice.

AURORA SIGNAGE

AUSTRALIAN MADE AND OWNED

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